

#### Introduction

- → Overview
- → System Requirements

#### **Software Install and Uninstall**

- → Install SysTools SQL Recovery
- → Uninstall SysTools SQL Recovery

#### **Software Features and GUI**

- → Software Menu Options
- → Software Navigation

## **Quick Getting Started Guide**

- → Add MDF Files
- → Add NDF File
- → Preview MDF/NDF Components
- → Export MDF/NDF File
- → Verify the Outcome

## **Frequently Asked Questions**

# **Software Purchase and Support**

- → Demo Version
- → Purchase Full Version
- → Software Support

# Copyright

**Business Trademark** 

**End User License Agreement (EULA)** 

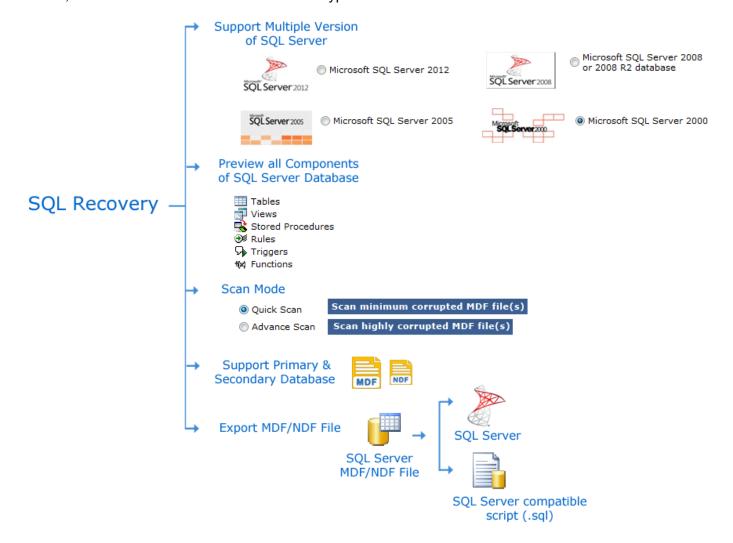
Disclaimer





## **Software Help Manual**

**SysTools SQL Recovery** is the software for recovering MDF after corruption of SQL server database. This utility has the ability to recover MDF components like Triggers, Stored Procedures, Tables, Views, Rules, Functions as well as user defined data types.



# Along this help manual you will come to know about:

→ Software Overview

- → Minimum System Requirements to Run Software
- → Software Features and GUI
- → Quick Getting Started Guide
- → Software Purchase and Support





#### Welcome to SysTools SQL Recovery

**SQL** recovery tool resolve the corruption issue of SQL database files (MDF) effectively. It also recover secondary database file also i.e. NDF. Moreover it has the option to export the MDF file into SQL server as well as SQL Server compatible Script.

#### **Key Features of SysTools SQL Recovery**

- → SQL Recovery tool creates SQL script using which user can restore various items from damaged MDF files
- → The software is supportive to both 32 Bit and 64 Bit Windows OS
- → Support MS SQL 2000/2005/2008/2008 R2/2012 Editions
- → Recover primary as well as secondary database i.e. MDF & NDF files
- → Also preview the Triggers, Primary Key, Unique Key, Tables, Stored Procedures of SQL server database
- → Also support XML Data type
- → User can save the created STR file on run time.





## **System Requirements for SysTools SQL Recovery:**

For proper working of software, it's very necessary that it's all requirements should be fulfilled and below mentioned is list of some requirements that you need to fulfill to get proper results with this software.

# **Minimal System Software Specifications**

- → Windows 8 (32-bit or 64-bit)
- → Windows 7 (32-bit or 64-bit)
- → Windows Vista
- → Microsoft Windows XP

## **Basic Hardware Requirements**

→ Platform: 1 GHz processor (2.4 GHz is recommended)

→ Memory: 512 MB of RAM (1 GB is recommended)

#### **Additional Software**

→ .Net Framework 2.0



# SysTools SQL Recovery Install and Uninstall Software



Software as mentioned requires Windows PC platform for its execution. The installation of software requires some simple steps. User need to just move with the instructions given by the software.

Software requires no efforts on your part when comes to uninstall of same. Hassle free uninstall **SysTools SQL Recovery** by commonly known Windows uninstall methodologies.

#### **More to Come**

- → Install SysTools SQL Recovery
- → Uninstall SysTools SQL Recovery

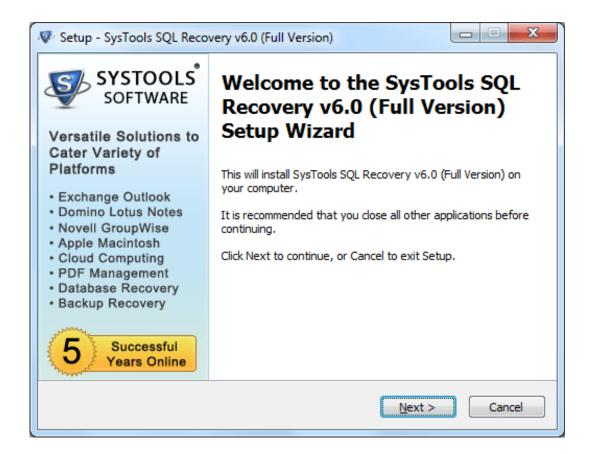




#### Installation of SysTools SQL Recovery

You can install **SysTools SQL Recovery** properly on your computer system by performing the following steps:

- → Download **SysTools SQL Recovery** latest version from the website: http://www.systoolsgroup.com/sql-recovery.html
- → Double click on downloaded **SysTools SQL Recovery** (setup-sql-recovery.exe). Click on the **Run** option.
- → Once you will double click on set up, the setup will ask, **Do you want to run this file** and you have to click on **Run** to proceed in installation.
- → After this, when you will click on **Run**, you will get welcomed in **SysTools SQL Recovery** setup, you have to click on **Next** in that setup to proceed.



- → After clicking on **Next**, the set up will offer you a License agreement and you have to **accept** that agreement to proceed. Once you will accept the agreement, the **Next** option will automatically get activated for you and you have to click on that to proceed.
- → When you will click on **Next**, you will be asked to select destination location for installation of software. By default, the software will get installed on this location *C:\Program Files\SysTools SQL Recovery* but, if you wish then, you can also select a different destination location by clicking on **Browse** button. (Once you will select the destination location, you have to click on **Next** to proceed).
- → After doing this, you have to select the **Start Menu** Folder in which the shortcuts of program needs to be placed and click **Next**.
- → After selection of Start Menu folder, the set up will ask you to perform Additional Tasks like **Creating Desktop Icon** or **Creating a Quick Launch Icon**. You have to perform additional tasks as per your need and proceed.
- → After this, the set up will give you a message saying that software is ready to install on computer system. (You have to click on **Install** button in that Message Window to move to the last step of installation process)
- → At last, you will get a confirmation message saying that setup process is complete, do you want to Launch SysTools SQL Recovery. You have to click on Finish in that Message Window to launch the

software successfully after installation.





## **Un-Installation of SysTools SQL Recovery Software**

You can uninstall SysTools SQL Recovery software in two ways:

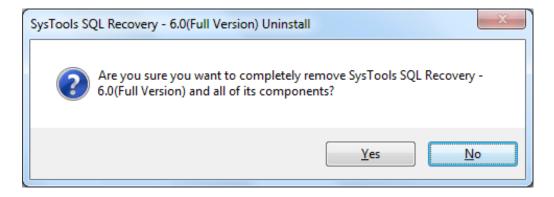
- → From the Windows Start menu
- → From the Control Panel

**Important Note**: To uninstall the software, first make sure that SysTools SQL Recovery is not running in the background.

## **Uninstall using Windows Start menu**

Click Start button from the Windows menu. Click All Programs » SysTools SQL Recovery » Uninstall SysTools SQL Recovery.

→ A *Warning message* before un-installing will be displayed on the screen. Click **Yes** to uninstall the software:



- → After this step, **SysTools SQL Recovery** Software setup will start the process of *uninstalling* the software from the computer system.
- → After this **SysTools SQL Recovery** Software will be successfully *uninstalled* from the computer system. Click on **OK** to close the window.

# **Uninstall Using Control Panel**

→ Another alternative described here for software uninstall is through Windows *Control Panel* which holds and maintains all system settings. This alternative is described here just for sake of

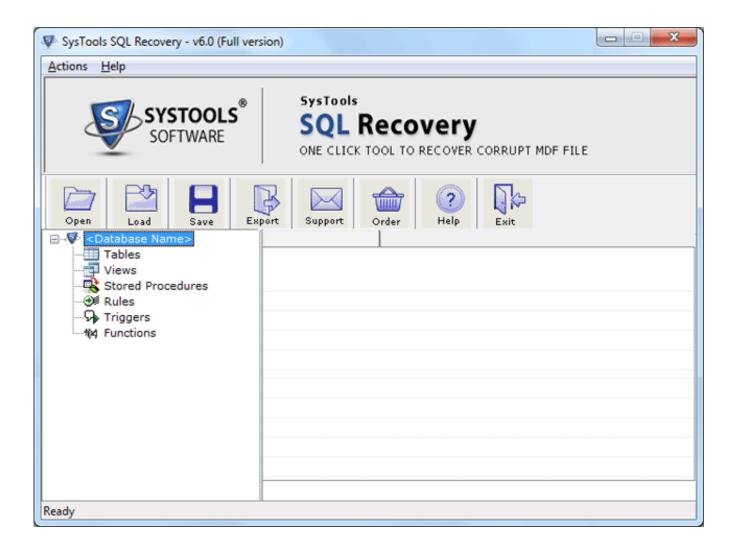
completeness. You can easily skip this step if done with prior uninstall process.

- → Click **Start** and look for **Control Panel** in start menu appears before you. Find **Add and Remove Programs** within **Control Panel**. **Add and Remove Program** generates comprehensive listing of all binaries presently installed on Windows. Find out **SysTools SQL Recovery** and double click on it to start with it's uninstall procedures.
- → Software prompts you either you like to *remove* SysTools SQL Recovery and all of its related components. Go for Yes.
- → Click **OK** to message describing successful uninstall of **SysTools SQL Recovery**.





The User Interface of the **SysTools SQL Recovery** Software looks like the below screenshot. You can visualize the steps of recovering corrupted MDF file from the following screenshot.



#### **More to Come**

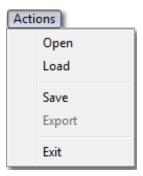
- → Software Menu Options
- → Software Navigation





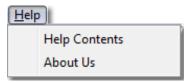
The first menu bar from top consist Software menu options. **SysTools SQL Recovery** consists of two menus which are divided into several other menu items, are explained below:

#### **Action Menu**



| Option   | Description                         |  |
|----------|-------------------------------------|--|
| Add File | Open MDF File                       |  |
| Load     | Scan & Load the STR File            |  |
| Save     | Save the STR File                   |  |
| Export   | Export the MDF File into SQL Server |  |
| Exit     | Close the application               |  |

# **Help Menu**



| Option       | Description  |  |
|--------------|--|--|
| Help Content | Open Help Manual of SysTools SQL Recovery                |  |
| About Us     | Displays the Contact & other details of SysTools Product |  |





The software has direct navigation options which let you perform some operations directly:

| Option  | Description                              |
|---------|--|
| Open    | Add the selected MDF File                |
| Load    | Load the STR File                        |
| Save    | Save the STR File                        |
| Export  | Export the MDF File                      |
| Support | Contact of Technical Support Team        |
| Order   | Order Full Version SQL Recovery Software |
| Pelp    | Help Manual of the Software              |
| Exit    | Close the Application                    |





**SysTools SQL Recovery** software helps user to view the corrupted MDF File, & export MDF file to SQL Server or SQL server compatible script.

## Steps to Recover & Export corrupted MDF/NDF

#### Step 1 – Add MDF Files

To start the process of Viewing & recovering corrupted MDF files, locate your MDF file & add into the application. Read more...

# Step 2 – Add NDF File

In same way you can add the secondary file i.e. NDF Files Read more...

#### **Step 3 – Preview MDF/NDF Components**

Now preview the MDF & NDF components like Tables, Triggers, Rules, Stored Procedure etc. Read more...

## Step 4 - Export MDF File

Export the MDF & NDF file into SQL Server or SQL Server compatible script i.e. \*.sql. Read more...

# **Step 5 – Verify the Outcome**

In this step you can verify & preview that the setup has exported the MDF file into SQL server. Read more...

Go to Top





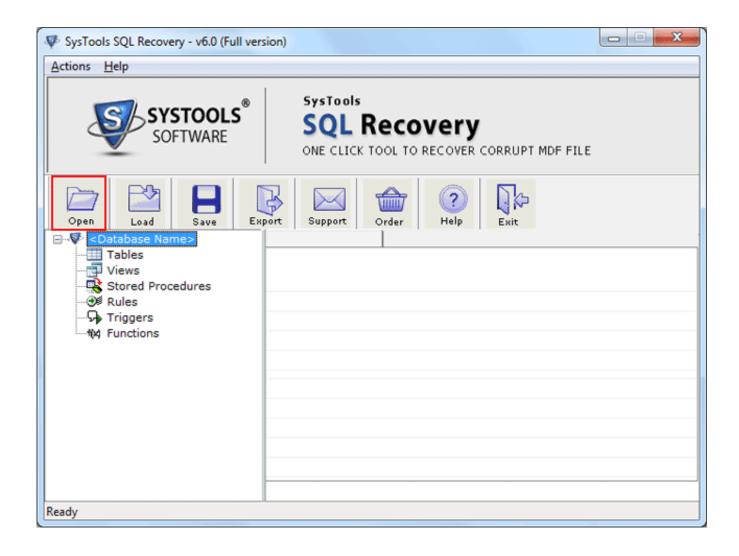
#### Add MDF File in Software

Download the software, install it and to run it. Follow the path as:

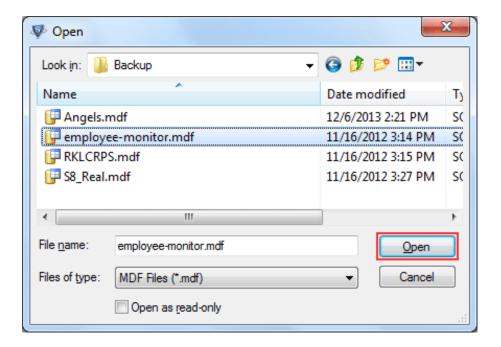
• Go to **Start** » **All Programs** » **SysTools SQL Recovery** » **SysTools SQL Recovery**. First window of the software appears as shown below:



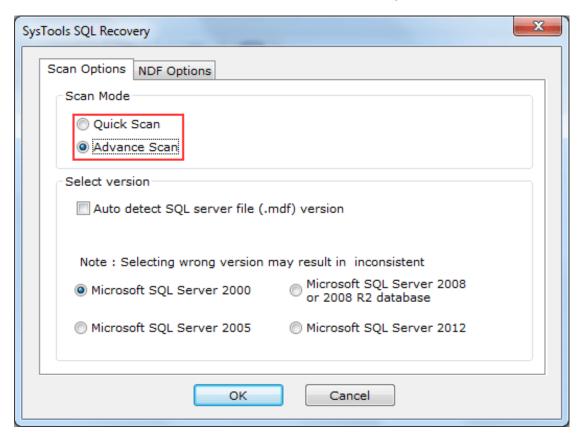
• Click **Open** to start the process of adding .mdf/.ndf file in application:



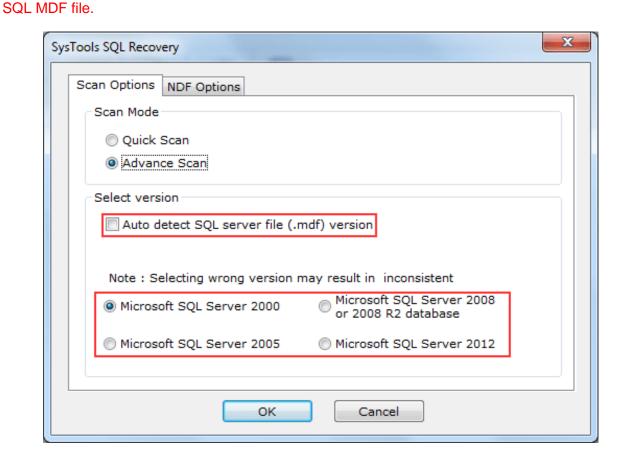
• Browse for MDF file. Select the MDF file & click Open:



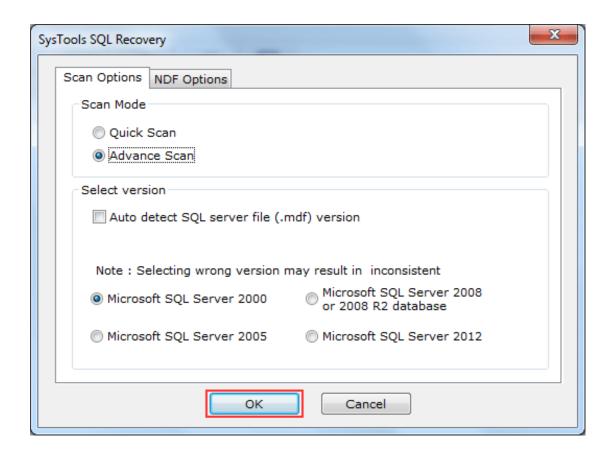
- Under Scan option, two scan options are provided for scanning of MDF files:
  - → Quick Scan: It is faster scan process for scanning MDF files more faster
  - → Advance Scan: It is the slow scan process for slower scanning of MDF file



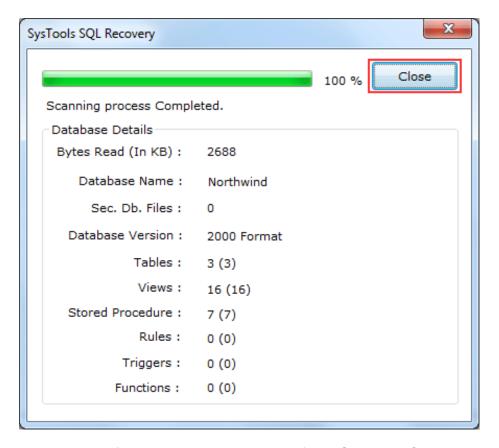
Select the required version of your SQL MDF file. Important Note: If the selected MDF file is not of
the selected Version then inconsistency might be reported:
Note: The option "Auto detect SQL server file (.mdf) version" automatically detect the version of



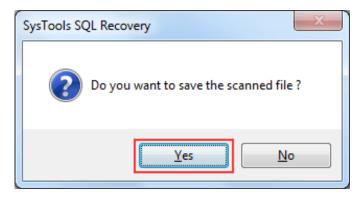
• Click **OK** to initiate the loading of MDF file.



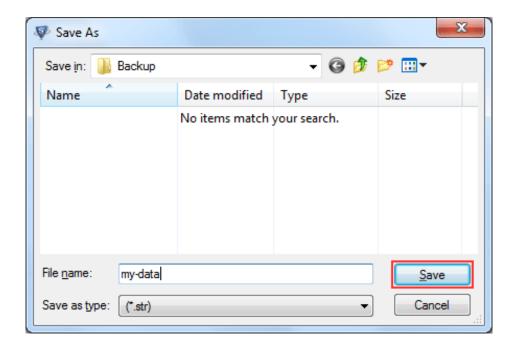
• Scanning with Successful status confirm the loading of MDF file. Click Close:



• The software provide option for saving the scanned MDF file in STR type. Click Yes to save it:



• Enter the name for saving it. Click Save:



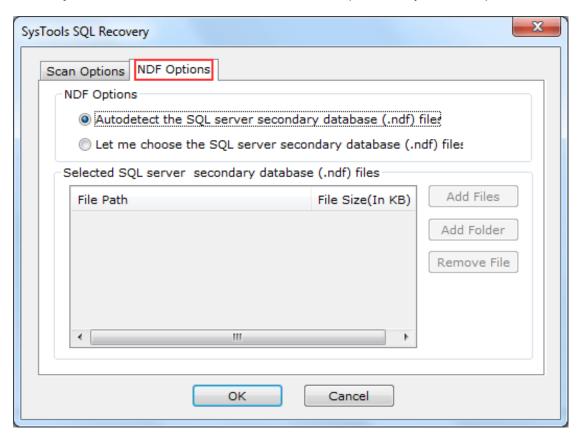
Go to Top



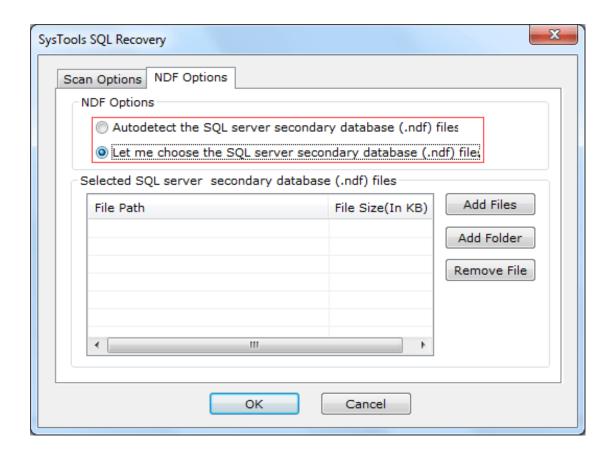


#### **Add NDF File**

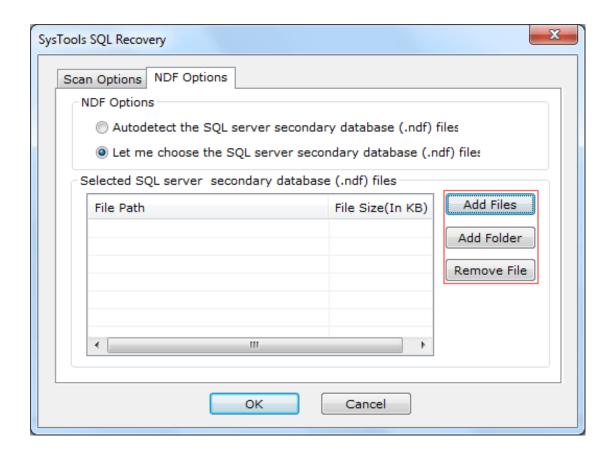
• Select **NDF Options** tab in order to recover the NDF files (Secondary database):



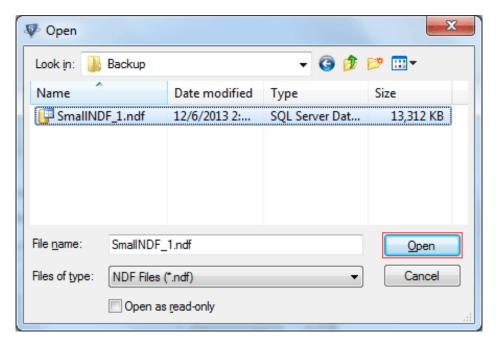
• Now select from the NDF option, either detect NDF file automatically or add NDF file manually:



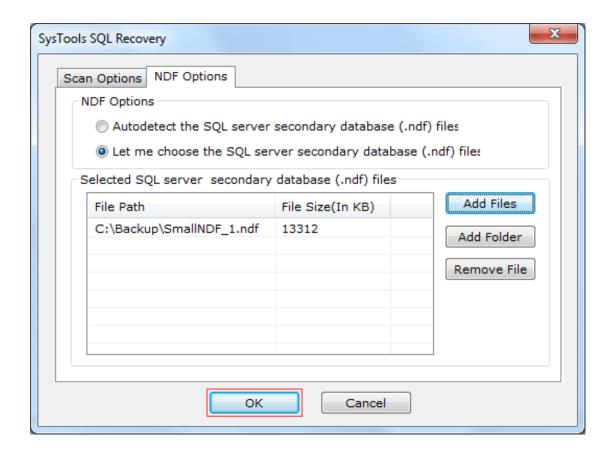
Add File option is used for adding NDF file one by one while Add Folder option is used to add
multiple NDF files. If it is required to remove the NDF file from list then Remove File option can be
used:



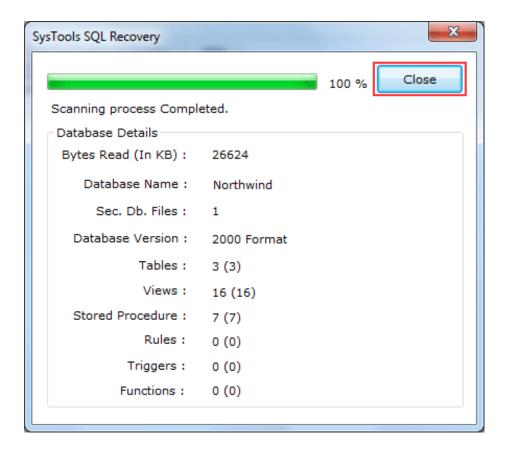
• Select the NDF file. Click **Open**:



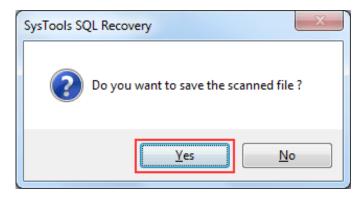
• Click **OK** to initiate the scanning of NDF file:



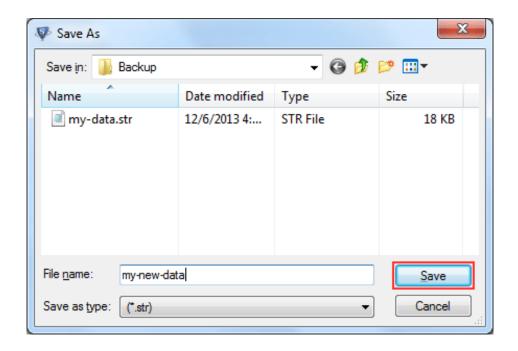
• Software shows the summarized details of selected NDF files. Click Close:



• You can also save the NDF file in .STR file type. If you want to save STR file then click on Yes:



• Enter the name for saving the STR file. Click Save:



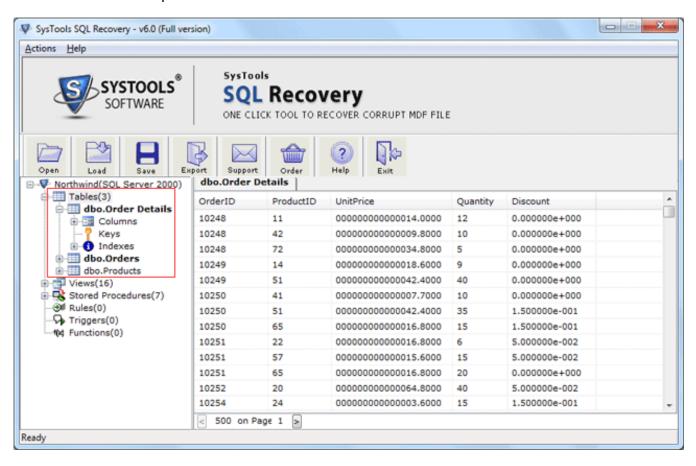
Go to Top



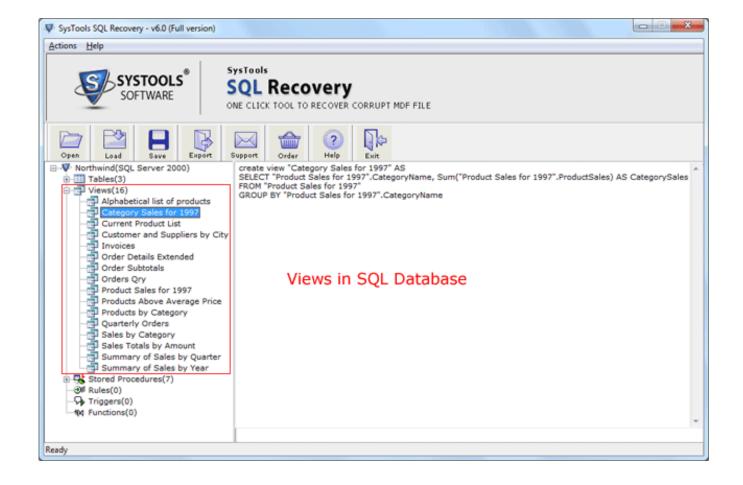


#### **Preview Database items**

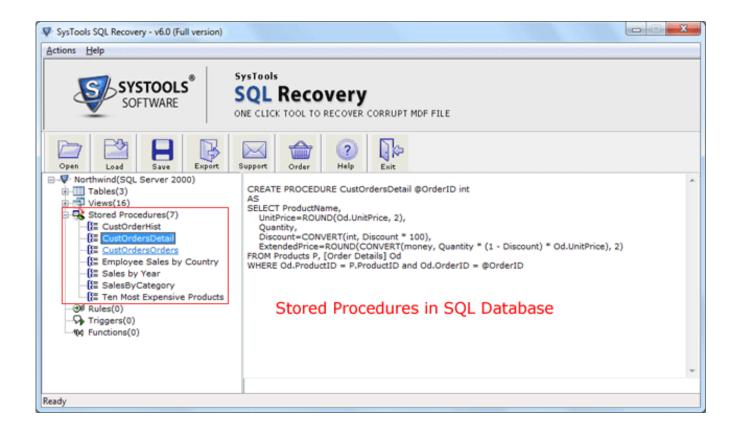
• User can preview the components of MDF/NDF file by expanding the b-tree in the left panel of the software. Click "+" option to view the **Tables**:



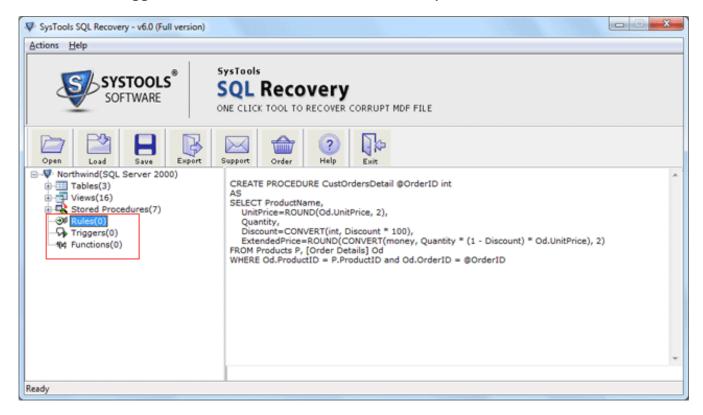
• To preview the **Views** component, expand it & select the Views from it:



• To preview the **Stored Procedures** component, expand it & select the Stored Procedures from it:



• The Rules, Triggers & Functions can be viewed in same way:



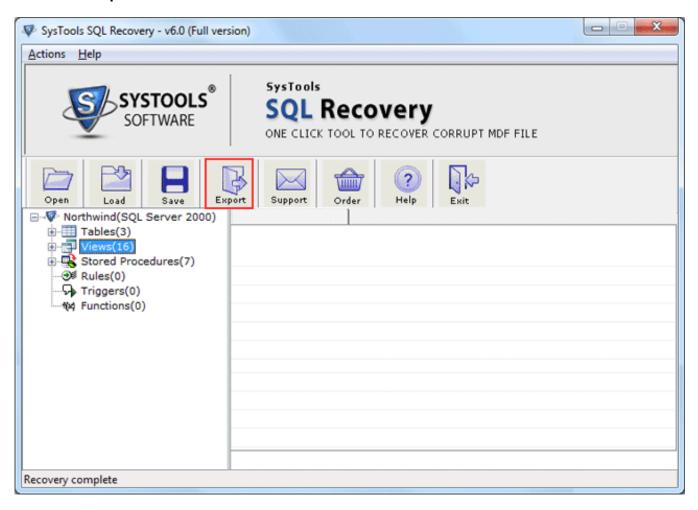




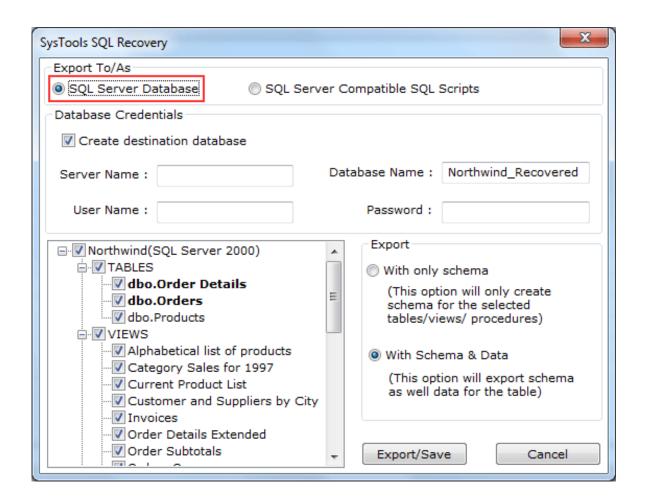
## **Export MDF or NDF File**

To export MDF & NDF file user can transfer the recovered files directly into the SQL server database or into SQL Server compatible SQL script.

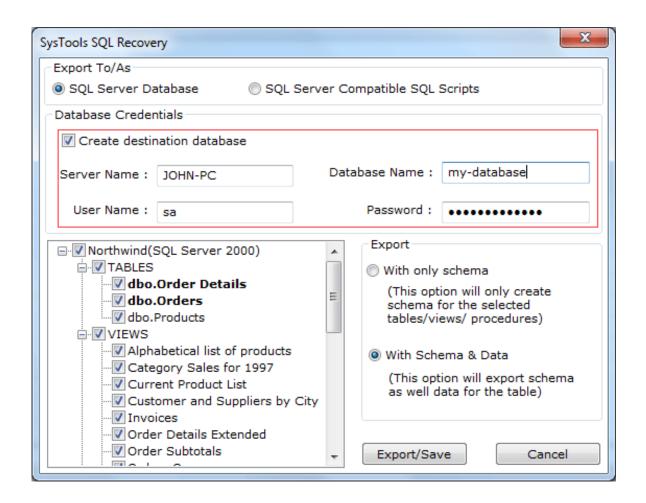
• Click the **Export** button from tool bar:



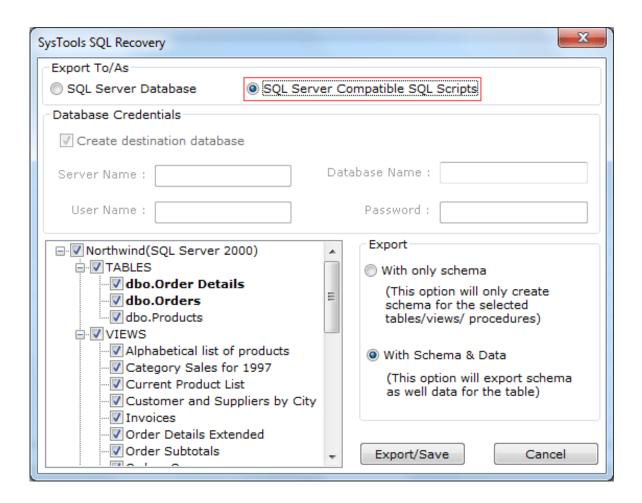
• To export the MDF file into SQL Server, you need to select the **SQL Server Database** option:



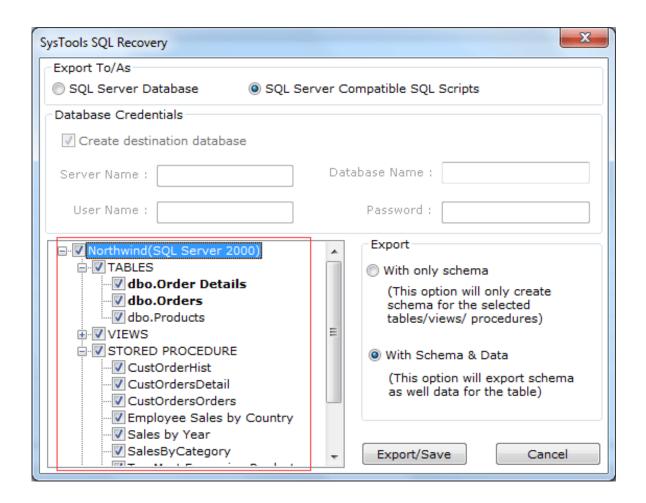
 Now fill the credentials like Server Name, User Name, Database Name & Password for exporting into SQL Server:



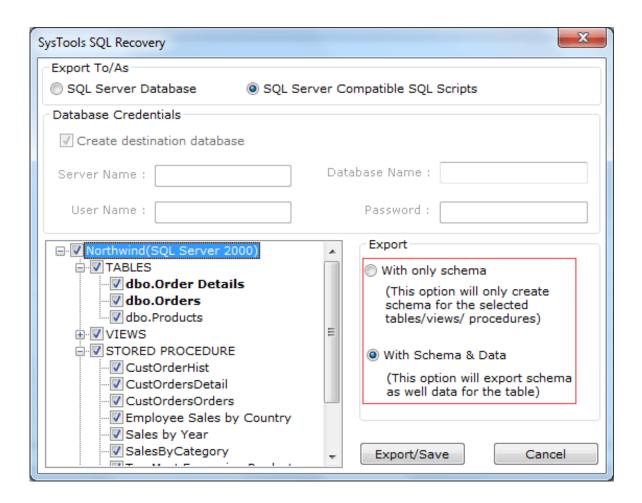
• The .sql file get created if you export through the **SQL Server Compatible SQL Script** mode:



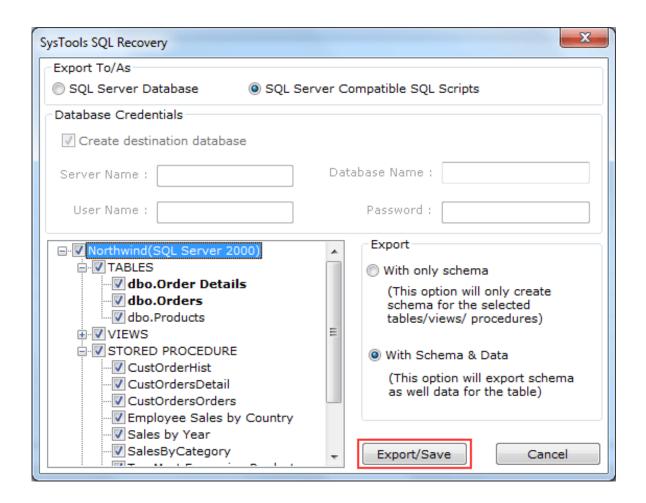
• Now check the desired component of database to export:



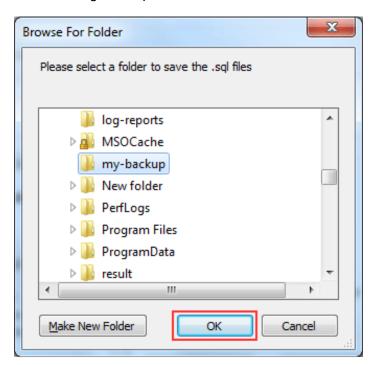
 Choose from option either you want to export the MDF file with only schema or with schema & Data:



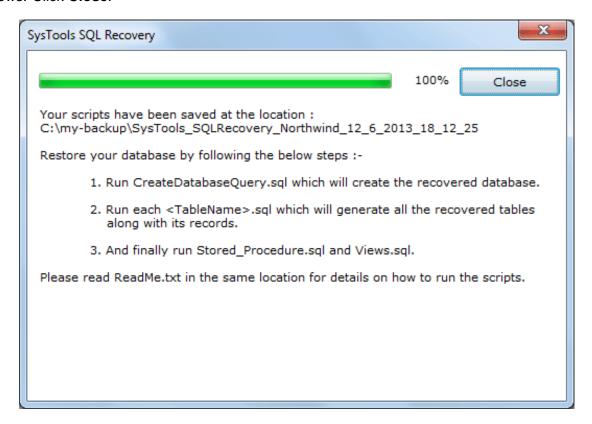
• Click **Export/Save** option to initiate the export process:



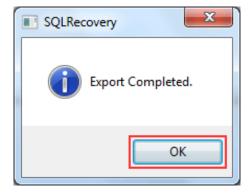
• Select the folder location for saving the .sql file. Click **OK**:



 After the completion of the recovery process, software will prompts the completion process as follows. Click Close:



• Export completed successfully. Click **OK**:



Go to Top

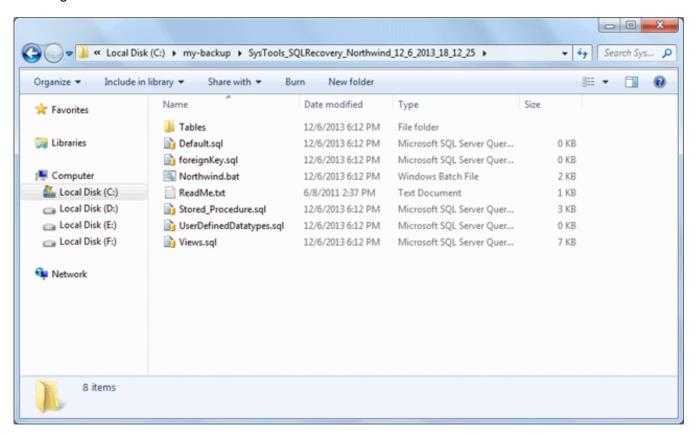




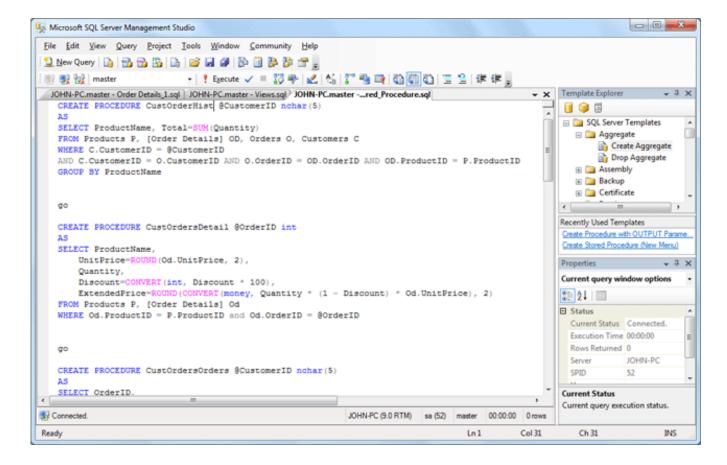
#### **Preview the Result**

Check the result after recovering the corrupted MDF/NDF file.

Navigate to the saved location:



• Open & preview the SQL script in SQL server:



Go to Top





#### **Frequently Asked Questions**

- → What is the difference between MDF Files & NDF Files?
- → What is difference between Export With only Schema & Export Schema & Data?

#### What is the difference between MDF Files & NDF Files?

A data file with .MDF extension is called a Primary Data File, and the reason behind it is that it contains Meta Data. Meta Data is "Data about Data". An example for Meta Data includes system objects that store information about other objects, except the data stored by the users. Although Meta Data stores information about other objects, it is not the transactional data that a user enters; rather, it's a system data about the data. Any additional data file that you add to the database will have only transactional data but no Meta Data, so that's why it is called as the Secondary Data File. It is given the extension name .NDF so that the user can easily identify whether a specific data file is a Primary Data File or a Secondary Data File(s)

## What is difference between Export With only Schema & Export Schema & Data?

The difference between Export With only Schema & Export Schema & Data is explained below:

- → By using Export With only Schema option users are allowed to create only schema of the selected table, procedure & Views.
- → By using Export Schema & Data user can export schema with the data for the corresponding table.



# SysTools SQL Recovery Purchase and Support



Software comes free in evaluations to procure its functionality first, further inducing you for its licensed purchase. All the same, avail **24x7** online chat assistance facilities, direct from the benches of technical support team.

### **More to Come**

- → Free Demo
- → Purchase
- → Support



## SysTools SQL Recovery Free Demo



The SysTools SQL Recovery software comes with a free of cost demo version that allows the users to preview the components of MDF/NDF file. So it is advised to work on free SQL Recovery software & move for the purchase of full version for the using other advance feature like.

SysTools Official Site to download demo from: http://www.systoolsgroup.com/sql-recovery.html



# SysTools SQL Recovery Purchase SysTools SQL Recovery



Getting done with demo further induces you towards full software purchase. Merchandise your best bargain as software licenses are distributed in three many categories.

- → Personal License
- → Business License
- → Enterprise License

SysTools Official Page where you begin your Purchase from: http://www.systoolsgroup.com/sql-recovery/order-now.html

#### **Personal License:**

Personal license is restricted towards single machine run for individual usage of software. User is not permitted to distribute or recreates the software copy without prior permission of SysTools abandoning which makes user liable for strict judicial actions.

#### **Business License:**

Business License of software permits user to deploy software copy over its enterprise however constraint to single geographical location of enterprise, say a branch. Any offshore export of software copy is illegal and such actions are liable for serious legal action against those who abandons it.

## **Enterprise License:**

Enterprise License lax users from offshore constraints as applied in business license of software usage. Users can free deploy the software over all of their enterprise channels however still not free to redistribute it out from enterprise domain.





### **Avail Online Support on SysTools SQL Recovery**

Ask your queries related to SQL Recovery direct to our software support team available **24x7** at your service. Get comprehensive online chat ancillaries upon software and other platform interoperability related issues free.

Chat Support: http://messenger.providesupport.com/messenger/evan.html

Visit online FAQs or switch to software help manual for primary assistance on software functioning before leveraging technical support.

Online Help: http://www.systoolsfaqs.com

Visit Our Website: http://www.systoolsgroup.com

SysTools Knowledgebase: http://www.systoolskb.com/

#### **Email Support**

For Sales: sales@systoolsgroup.com

For Support: support@systoolsgroup.com



# SysTools SQL Recovery Copyright



SysTools SQL Recovery Software, accompanied user manual and documentation are copyright of SysTools Software, with all rights reserved. under the copyright laws, this user manual cannot be reproduced in any form without the prior written permission of SysTools Software. No Patent Liability is assumed, however, with respect to the use of the information contained here in.

© SysTools Software. All rights reserved.





SysTools SQL Recovery™ is a copyright work of SysTools® Software.





#### **NOTICE TO USERS:**

This End User License Agreement (the "Agreement") is a legally binding agreement between you (either an individual or an entity, the "User"), and SysTools Private Limited regarding the SysTools product (the "Software" or the "Program"), and all successor upgrades, revisions, patches, fixes, modifications, copies, additions or maintenance releases of the Software, if any, licensed to you by SysTools (collectively, the "Updates"), and related user documentation and explanatory materials or files provided in written, "online" or electronic form (the "Documentation" and together with the Software and Updates, the "PRODUCT" or the "Distribution Package").

CAREFULLY READ THE FOLLOWING LEGAL AGREEMENT. USE OF THE PRODUCT PROVIDED WITH THIS AGREEMENT CONSTITUTES YOUR ACCEPTANCE OF THESE TERMS. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, DO NOT INSTALL AND/OR USE THE PRODUCT. YOUR USE OF THE PRODUCT IS CONDITIONED UPON COMPLIANCE WITH THE TERMS OF THIS AGREEMENT.

### **Accepting the Terms**

In order to use the SYSTOOLS SOFTWARE PRODUCT (referred as Software or Product below), you must first agree to the Terms. You may not use the PRODUCT if you do not accept the Terms. You can accept the Terms by:

- → Clicking to accept or agree to the Terms, where this option is made available to you by SYSTOOLS SOFTWARE in the user interface for any PRODUCT; or
- → By actually using the PRODUCT. In this case, you understand and agree that SYSTOOLS SOFTWARE will treat your use of the PRODUCT as acceptance of the Terms from that point onwards.

Intellectual property rights

The PRODUCT is owned and copyrighted by SysTools.

The PRODUCT and any documentation included in the distribution package are protected by national copyright laws and international treaties. Any unauthorized use of the PRODUCT shall result in immediate and automatic termination of this license and may result in criminal and/or civil prosecution.

Your possession, installation or use of the PRODUCT does not transfer to you any title to the

intellectual property in the PRODUCT, and you will not acquire any rights in the PRODUCT except as expressly set forth in this Agreement.

Unless you have agreed otherwise in writing with SYSTOOLS SOFTWARE, nothing in the Terms gives you a right to use any of SYSTOOLS SOFTWARE trade names, trade marks, product marks, logos, domain names, and other distinctive brand features.

You agree that you shall not remove, obscure, or alter any proprietary rights notices (including copyright and trade mark notices) which may be affixed to or contained within the PRODUCT.

#### Scope of the License

SYSTOOLS SOFTWARE gives you a personal, worldwide, royalty-free, non-assignable and non-exclusive license to use the software provided to you by SysTools Private Limited as part of the Software as provided to you by SysTools Private Limited. This license is for the sole purpose of enabling you to use and enjoy the benefit of the software as provided by SysTools Private Limited, in the manner permitted by the Terms.

With the personal license, you can use the PRODUCT as set forth in the Agreement for non-commercial purposes in non-business, non-commercial environment.

To use the PRODUCT in a corporate, government or business environment, you should purchase a business license.

If you acquired the Site\Enterprise license, you may use the PRODUCT on unlimited number of computers within one office in one geographic location.

The registered Software may not be rented or leased, but may be permanently transferred together with the accompanying documentation, if the person receiving it agrees to terms of this license. If the software is an update, the transfer must include the update and all previous versions.

You may not create any copy of the PRODUCT. You can make one (1) copy the PRODUCT for backup and archival purposes, provided, however, that the original and each copy is kept in your possession or control, and that your use of the PRODUCT does not exceed that which is allowed in this Agreement. If you permanently transfer the PRODUCT you shall delete all its copies that are in your possession and send SysTools a notice thereof.

The Software unregistered (trial/demo) version may be freely distributed provided that the distribution package is not modified. No person or company may charge a fee for the distribution of the PRODUCT without written permission from the copyright holder.

You agree not modify, decompile, disassemble, otherwise reverse engineer the licensed Program, unless such activity is expressly permitted by applicable law.

### **Registration Code/Full Version Link**

Registration code - a unique identification file provided to you by SysTools confirming the purchase of the license from SysTools Private Limited, which may carry the information about the license and enable the full functionality of the Program in accordance with the Agreement.

The Registration Code provided to you by SysTools Private Limited constitutes confidential proprietary information of SysTools Private Limited. For purposes hereof, you agree not to transfer, copy, disclose, provide or otherwise make available such confidential information in any form to any third party without the prior written consent of SysTools Private Limited. You agree to implement reasonable security measures to protect such confidential information provided to you by SysTools Private Limited.

In case where the registration code is not provided and link to full version is provided. The link to full version provided to you by SysTools Private Limited constitutes confidential proprietary information of SysTools Private Limited. For purposes hereof, you agree not to transfer, copy, disclose, provide or otherwise make available such confidential information in any form to any third party without the prior written consent of SysTools Private Limited. You agree to implement reasonable security measures to protect such confidential information provided to you by SysTools Private Limited.

#### **Limited Warranties**

SysTools Private Limited DOES NOT WARRANT THAT THE SOFTWARE IS FIT FOR ANY PARTICULAR PURPOSE. SysTools Private Limited DISCLAIMS ALL OTHER WARRANTIES WITH RESPECT TO THE SOFTWARE, EITHER EXPRESS OR IMPLIED. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY MAY LAST, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

## Legality statement (applicable to password recovery programs only)

The program that is licensed to you is absolutely legal and you can use it provided that you are the legal owner of all files or data you are going to recover through the use of our software or have permission from the legitimate owner to perform these acts. Any illegal use of our software will be solely your responsibility. Accordingly, you affirm that you have the legal right to access all data, information and files that have been hidden.

You further attest that the recovered data, passwords and/or files will not be used for any illegal purpose. Be aware password recovery and the subsequence data decryption of unauthorized or otherwise illegally obtained files may constitute theft or another wrongful action and may result in your civil and (or) criminal prosecution.

## **Final provisions**

All rights not expressly granted here are reserved by SysTools Private Limited.



## SysTools SQL Recovery Disclaimer Notice



The software available for downloading through Internet sites and published by SysTools (the "Software") is provided pursuant to this license agreement. SysTools Software encourages you to know the possible risks involved in the download and use of the Software from the internet. You are solely responsible for protecting yourself, your data, your systems and your hardware used in connection with this software. SysTools shall not be liable for any damages suffered from the use of the Software.

BY USING THIS SOFTWARE, YOU EXPRESSLY AGREE THAT ALL RISKS ASSOCIATED WITH THE PERFORMANCE AND QUALITY OF THE SOFTWARE IS ASSUMED SOLELY BY YOU. SYSTOOLS SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF OR INABILITY TO USE THE SOFTWARE, EVEN IF SYSTOOLS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE SOFTWARE IS MADE AVAILABLE BY SYSTOOLS "AS IS" AND "WITH ALL FAULTS". SYSTOOLS DOES NOT MAKE ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, CONCERNING THE QUALITY, SAFETY OR SUITABILITY OF THE SOFTWARE, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. FURTHER, SYSTOOLS MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE TRUTH, ACCURACY OR COMPLETENESS OF ANY INFORMATION, STATEMENTS OR MATERIALS CONCERNING THE SOFTWARE THAT IS CONTAINED IN SYSTOOLS SOFTWARE DOWNLOAD SITE. IN NO EVENT WILL SYSTOOLS BE LIABLE FOR ANY INDIRECT, PUNITIVE, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES HOWEVER THEY MAY ARISE AND EVEN IF SYSTOOLS HAS BEEN PREVIOUSLY ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

